

## RAZOR-H Series

### Product Description:

The RAZOR-H series provides our customers with strong lumen output (up to 135 lm/W) in a sleek, slim, modern housing design. The RAZOR-H is available in a wide range of wattages ranging from 75W to 300W, has a variety of mounting options and beam angles (Type 3, 4, or 5) as well as having a rotatable polycarbonate lens. The RAZOR-H is ideal for parking lots, roadways and various area lighting applications.

### Features:

- **Application:** Parking lots, plazas, roadways, site & area lighting
- **Mounting Options:** Slipfitter (60mm or 76mm), Straight Arm Pole, Straight Arm Pole Adjustable, Trunnion, Yoke
- **Warranty:** 5 Years
- **Long Life:** 100,000+ hours
- **LED Driver:** Sosen (Meanwell / Inventronics available)
- **Operating Temperature:** -22°F ~ 122°F
- **Lens:** Rotatable Polycarbonate
- **Certifications:** ETL

### Technical Data:

LED Source	Philips
CRI	≥ 70 (80 available)
IP Rating	IP66 and IK08
CCT	3000K, 4000K, 5000K, 5700K
Input Voltage	100-277V or 277-480V
Power Factor	0.93

### Specifications:

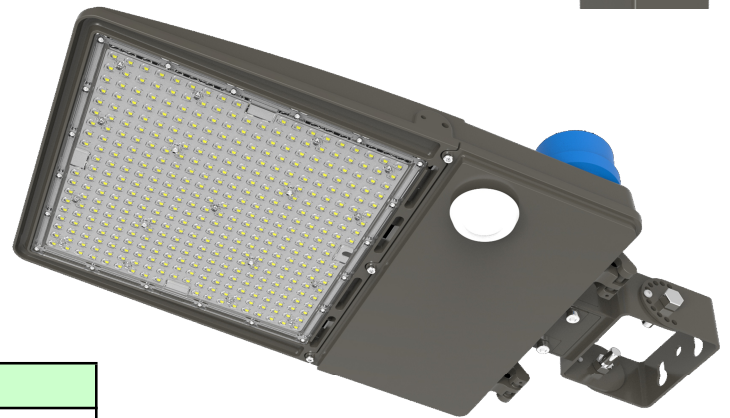
Fixture Model	Total Lumens *	Efficacy* (lm/w)	Weight (lb)	Dimensions (inches) **	Beam Angle
RAZOR-H 75W	10,416.2 lm	138.8 lm/W	7.7	16.85 x 9.72 x 2.17	Type III Type IV TypeV
RAZOR-H 100W	13,541.0 lm	135.4 lm/W	7.92	16.85 x 9.72 x 2.17	
RAZOR-H 150W	20,367.8 lm	135.7 lm/W	8.14	16.85 x 9.72 x 2.17	
RAZOR-H 200W	25,973.7 lm	129.8 lm/W	9.02	18.03 x 10.55 x 2.17	
RAZOR-H 240W	31,837.8 lm	132.6 lm/W	13.64	21.18 x 12.79 x 2.17	
RAZOR-H 300W	39,636.2 lm	132.1 lm/W	14.08	21.18 x 12.79 x 2.17	

\* Ratings measured using T3 beam angle

\*\* Dimensions measured without any mounting bracket

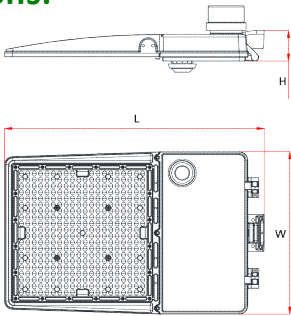


RAZOR-H with Straight Arm Adjustable Mount



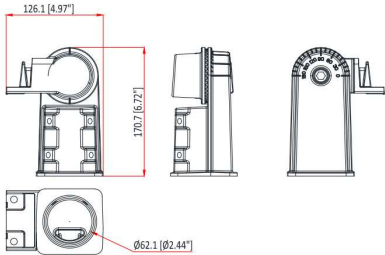
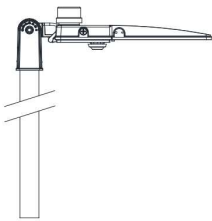
RAZOR-H with Trunnion Mount

Dimensions:

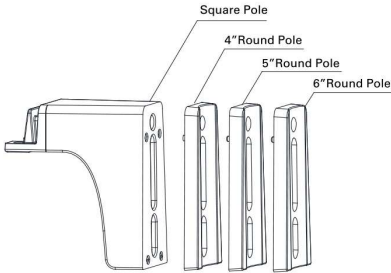
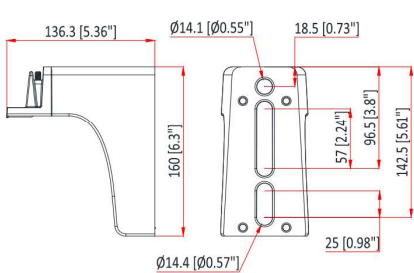
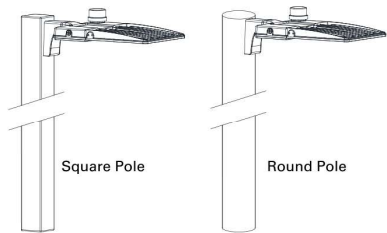


Power (w)	L(mm[inch])	W(mm[inch])	H(mm[inch])
75 W	428[16.85"]	247[9.72"]	55[2.17"]
100 W	428[16.85"]	247[9.72"]	55[2.17"]
150 W	428[16.85"]	247[9.72"]	55[2.17"]
200 W	458[18.03"]	268[10.55"]	55[2.17"]
240 W	538[21.18"]	325[12.79"]	55[2.17"]
300 W	538[21.18"]	325[12.79"]	55[2.17"]

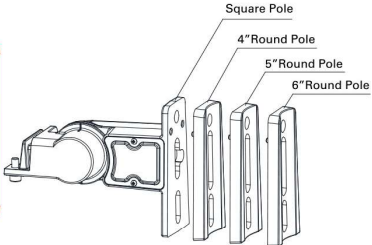
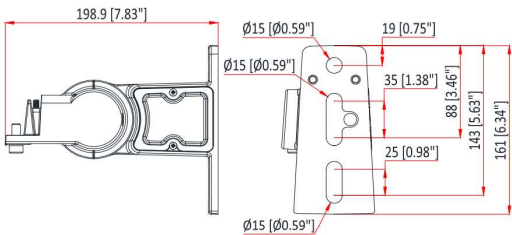
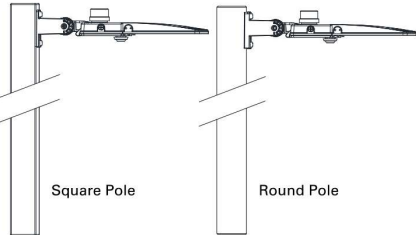
Slipfitter



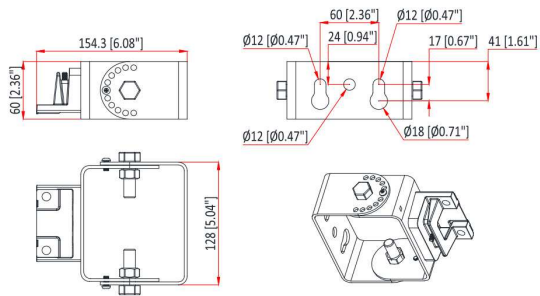
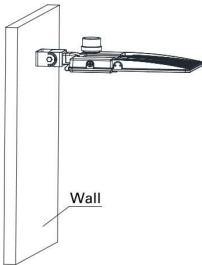
Straight Arm



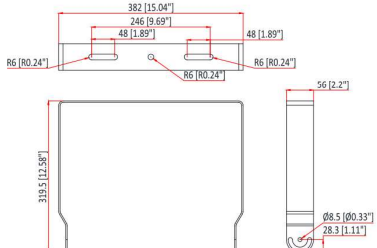
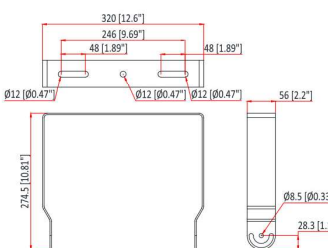
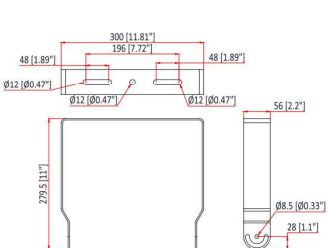
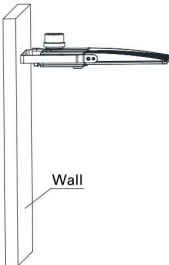
Straight Arm (Adjustable)



Trunnion



Yoke Mount

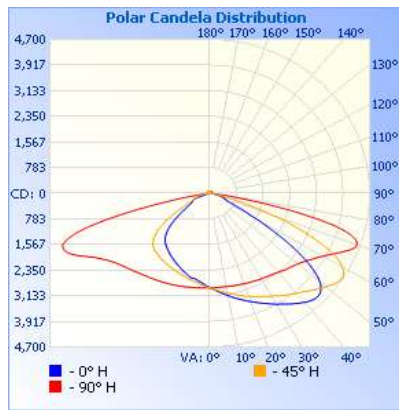


75W/100W/150W

200W

240W/300W

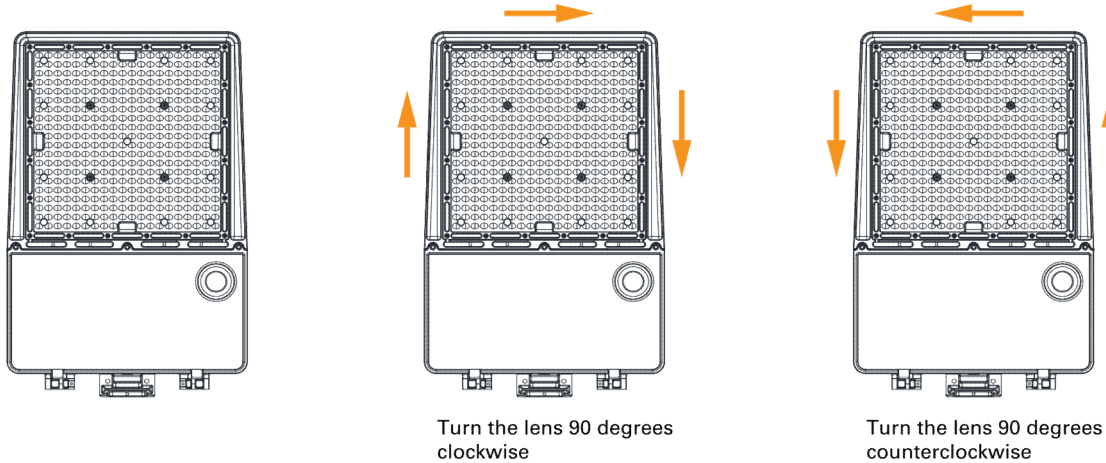
## Photometrics: (RAZOR-H 100W/Type-III):



Illuminance at a Distance			
Center Beam fc	Beam Width		
9.7ft	30.7 fc	24.4 ft	51.5 ft
19.3ft	7.75 fc	48.5 ft	102.5 ft
29.0ft	3.43 fc	72.9 ft	154.0 ft
38.7ft	1.93 fc	97.2 ft	205.5 ft
48.3ft	1.24 fc	121.3 ft	256.4 ft
58.0ft	0.86 fc	145.7 ft	307.9 ft

■ Vert. Spread: 103.0°  
■ Horiz. Spread: 138.7°

## Field-Rotatable Lens:



## Mounting Options:

**Slipfitter**  
(2.4")



**Straight Arm Pole**  
(3", 4", or 5")



**Adjustable**  
**Straight Arm Pole**  
(3", 4", or 5")



**Trunnion**



**Yoke**



## Ordering Guide:

RAZOR-H 200W	100-277V	GR	40K	SN	SF	T3	
<b>Wattage:</b> 75W 100W 150W 200W 240W 300W	<b>Voltage:</b> 100-277V 277-480V	<b>Color:</b> <b>GR:</b> Gray (RAL 7037)  <b>BL:</b> Black	<b>CCT:</b> 30K 40K 50K 57K	<b>Driver:</b> SN: Sosen 10kV (default)  MW: Meanwell 4kV INV: Inventronics 10kV	<b>Mounting:</b> <b>SF:</b> Slipfitter (60mm or 76mm) <b>SAP:</b> Straight Arm Pole <b>SAPA:</b> Straight Arm Pole Adjustable <b>TN:</b> Trunnion <b>YK:</b> Yoke	<b>Beam Angle:</b> <b>T3:</b> Type III <b>T4:</b> Type IV <b>T5:</b> TypeV	<b>Optional Accessories:</b> <b>DM:</b> Dimming (1-10V) <b>MS:</b> Motion Sensor <b>3PR:</b> 3 Pin Receptacle <b>SC:</b> Shorting Cap <b>3PC:</b> 3 Pin Photocell <b>5PC:</b> 5 Pin Photocell <b>7PC:</b> 7 Pin Photocell <b>10kV:</b> 10kV Surge Protection <b>20kV:</b> 20kV Surge Protection